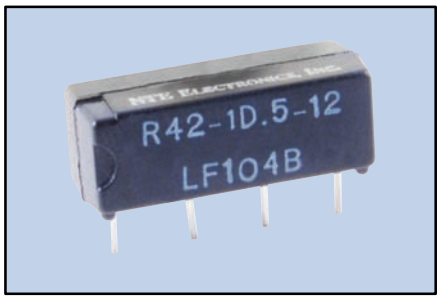
R42 Series

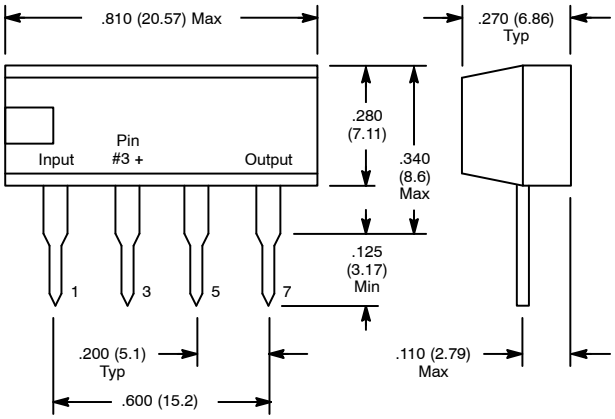
General Purpose, 500mA DC SPST–NO SIP Reed Relay.

Features

- 5 VDC Version Compatible to Operate Directly from TTL or DTL Circuits
- Internal Clamping Diode
- Flame Retardant Epoxy Package
- PC Mountable



D20



DC OPERATED								
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Pwr.	Max. Cont.	Max. Pick up	Min. Drop out	Diag No.
R42–1D .5–6	5/6 VDC	SPST–NO	500	50 mW	.5 Amp	3.8 VDC	0.5 VDC	D20
R42–1D .5–12	12 VDC	SPST–NO	850	77 mW	.5 Amp	9 VDC	1 VDC	D20
R42–1D .5–24	24 VDC	SPST–NO	2200	180 mW	.5 Amp	18 VDC	2 VDC	D20

Electrical Specifications

Contact

Rating: 0.5 Amp switching current max.
1.5 Amp carry current max.
Resistance: 200 milliohms max. initial

Coil

Coil Voltages: See Chart
Pick–up Voltage: See Chart
Drop–out Voltage: See Chart

Operational Characteristics

Timing Values . . . . . **Operate Time:** 330 μS at nominal voltage
Release Time: 150 μS at nominal voltage

Insulation Characteristics

Dielectric Strength
Across Open Contacts: 200 VDC
Contact To Contact: 1000 VDC

Environmental Characteristics

Operating: –45°C to +85°C
Storage: –60°C to +105°C

Capacitance

Across Open Contacts: 1pf
Open Contacts To Coil: 2pf

Life

Mechanical: 5×10^6 (50,000,000) with appropriate contact protection